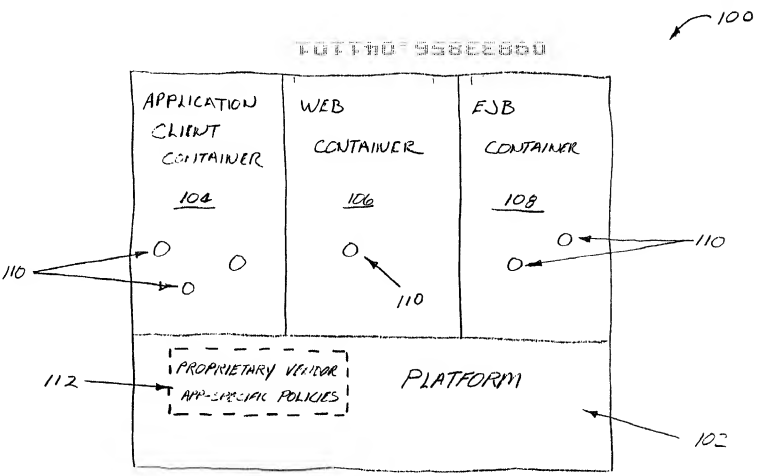

Fig. 1
(PRIOR ART)

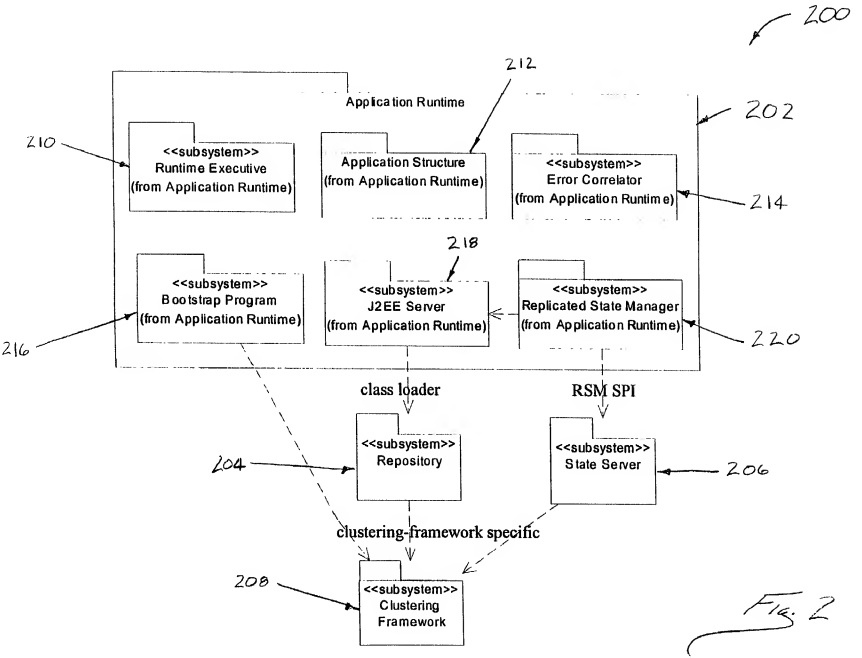
200
212
Application Runtime
202
210
<<subsystem>>
Runtime Executive
(from Application Runtime)
Application Structure
(from Application Runtime)
<<subsystem>>
Error Correlator
(from Application Runtime)
214
218
<<subsystem>>
Bootstrap Program
(from Application Runtime)
<<subsystem>>
J2EE Server
(from Application Runtime)
<<subsystem>>
Replicated State Manager
(from Application Runtime)
216
220
class loader
RSM SPI
<<subsystem>>
Repository
<<subsystem>>
State Server
204
206
clustering-framework specific
208
<<subsystem>>
Clustering
Framework

Fig. 2

TUTTnU 9582E800

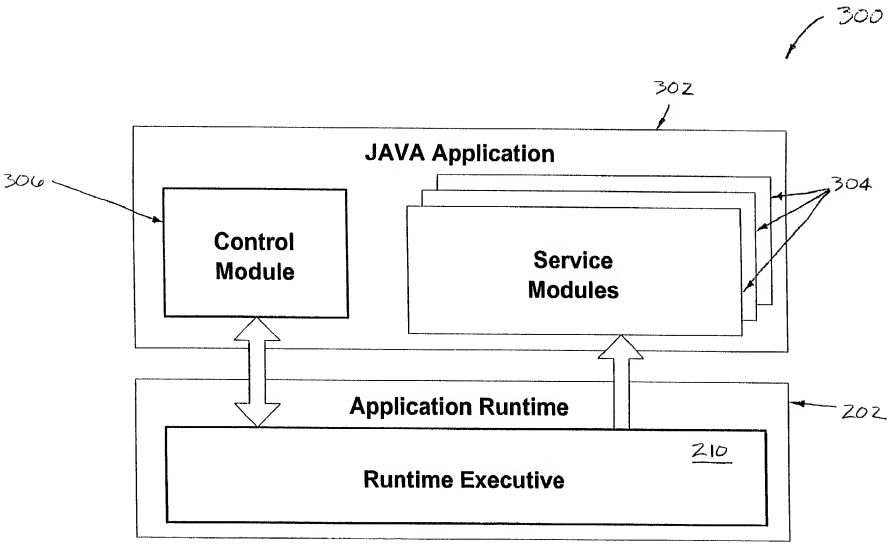

Fig 3A

PUT THIS SHEET BELOW

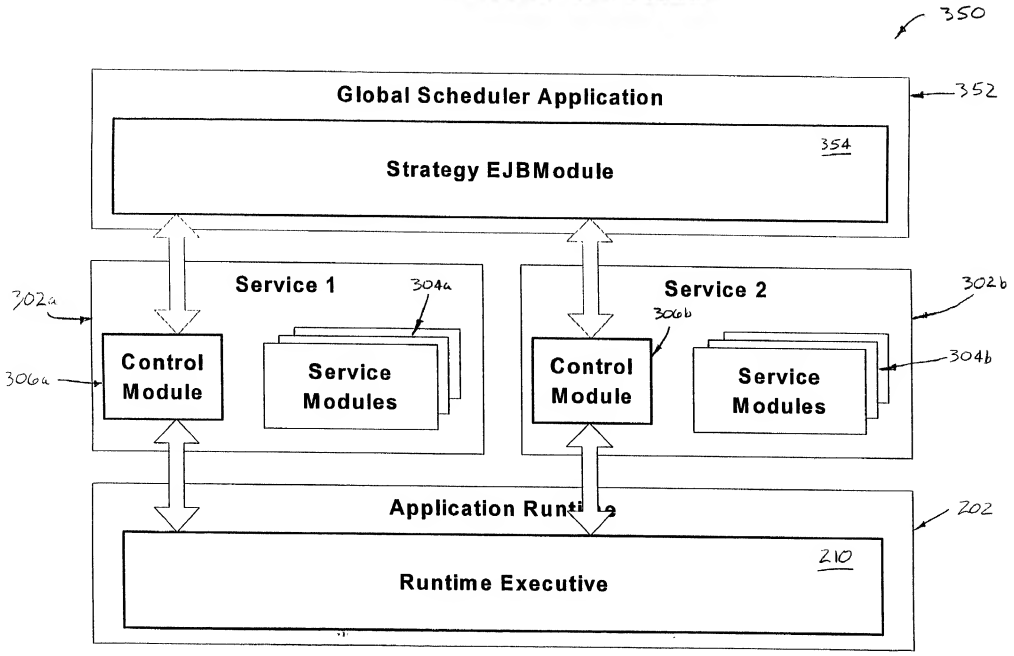

Fig 3B

PUBLIC DOCUMENT

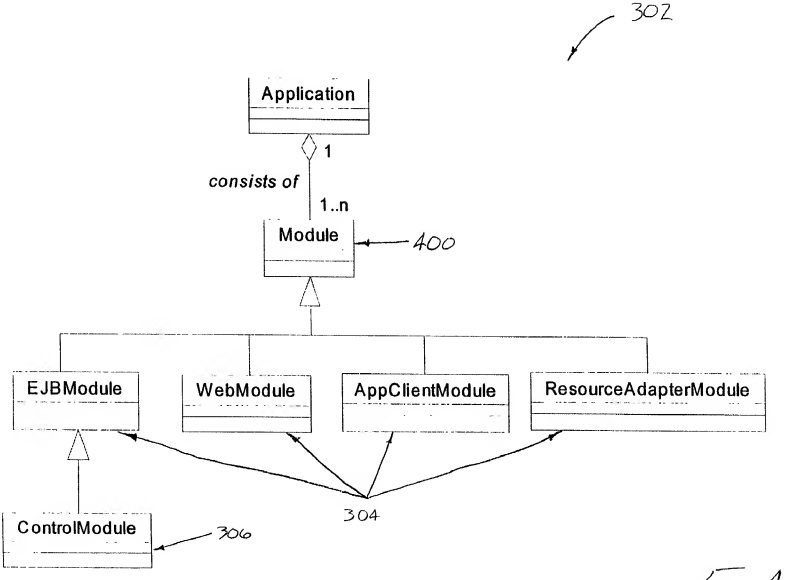

Fig. 4

Patent Application

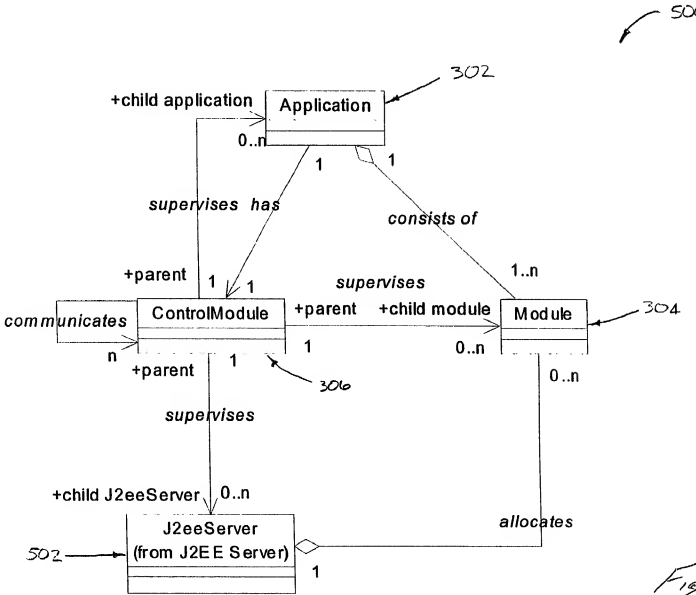

Fig. 5

TUPTHD 35BEE80D

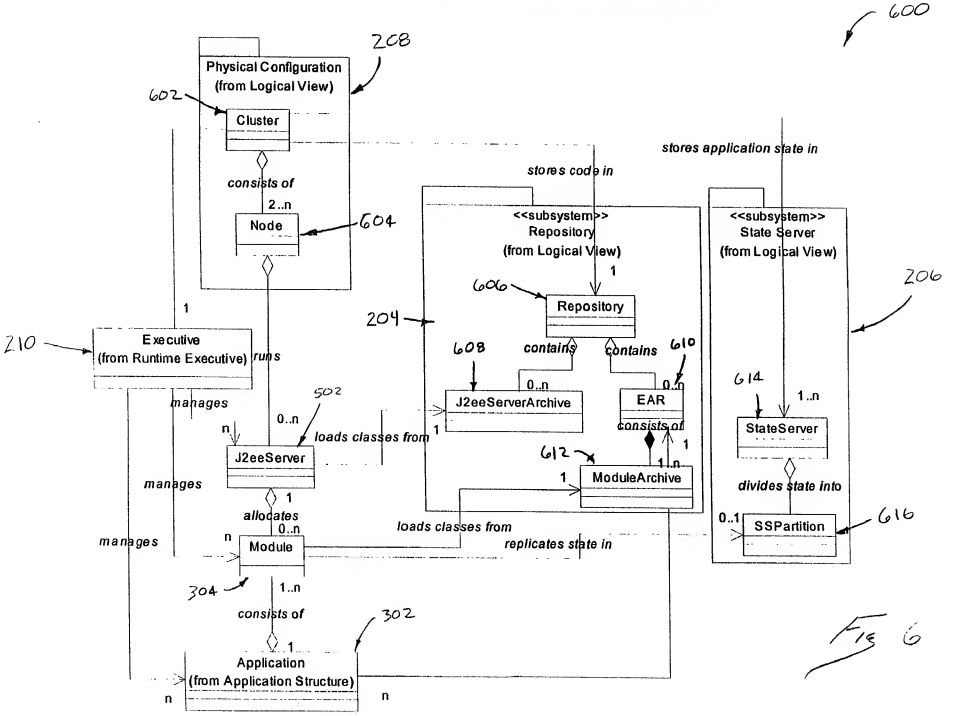

FIG 6

AUTHORIZED

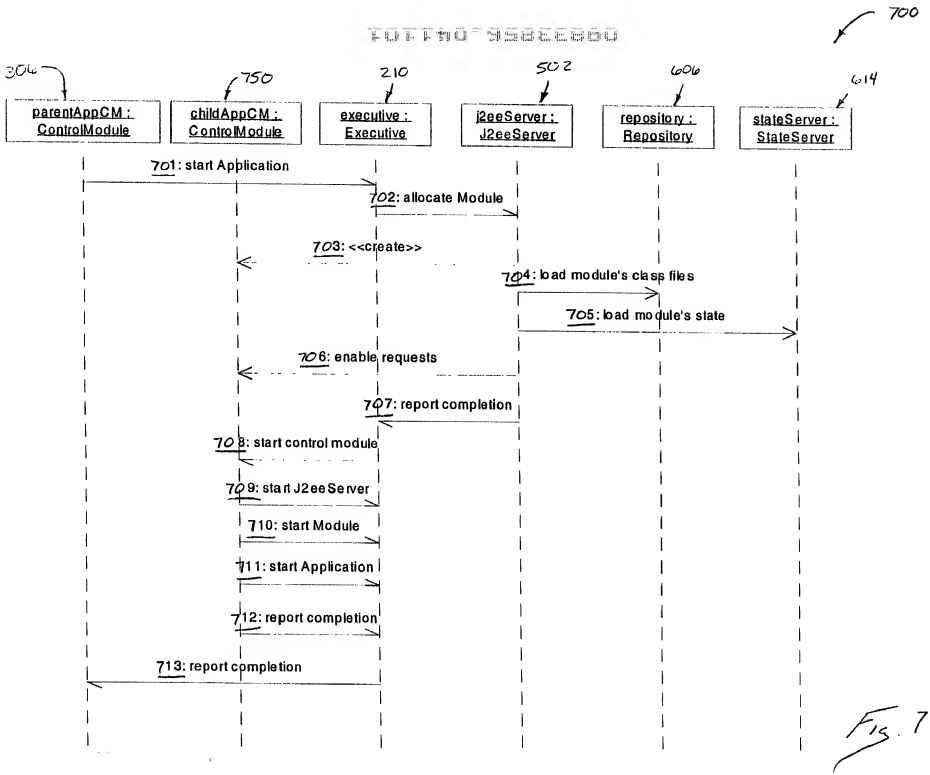

Fig. 7

PUBLISHED

800

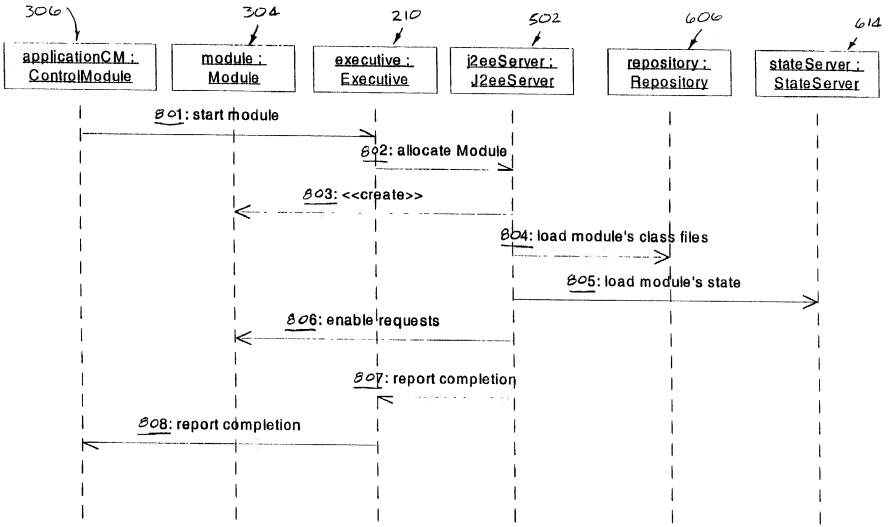

Fig 8

Patent 9582680

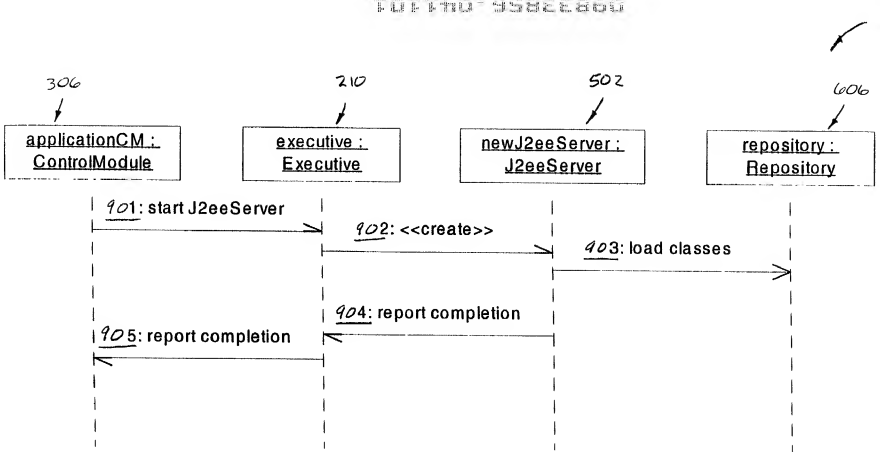

FIG 9

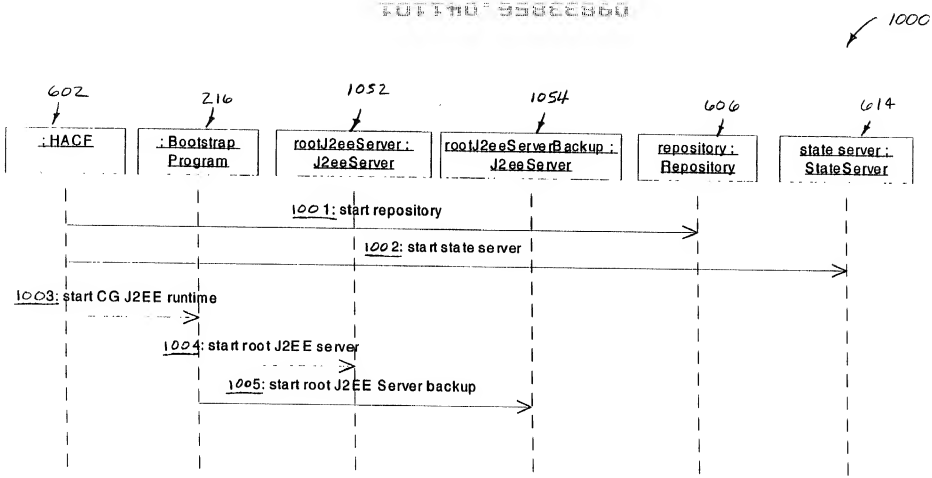
1000
602
216
1052
1054
606
614
:HACF
:Bootstrap Program
rootJ2eeServer : J2eeServer
rootJ2eeServerBackup : J2eeServer
repository : Repository
state server : StateServer
1001: start repository
1002: start state server
1003: start CG J2EE runtime
1004: start root J2EE server
1005: start root J2EE Server backup

Fig 10A

PATENT 9500.0800

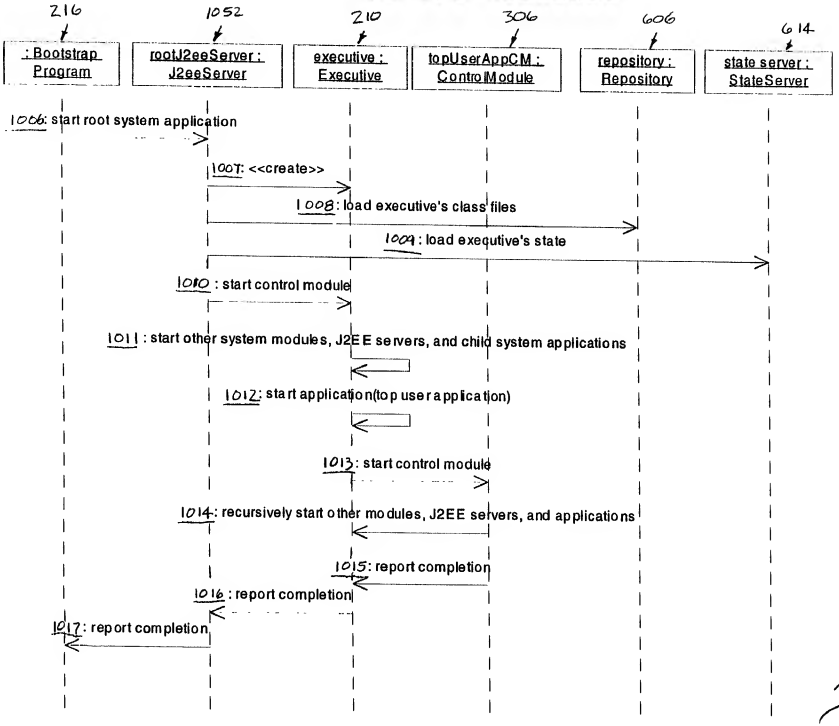

Fig 10B

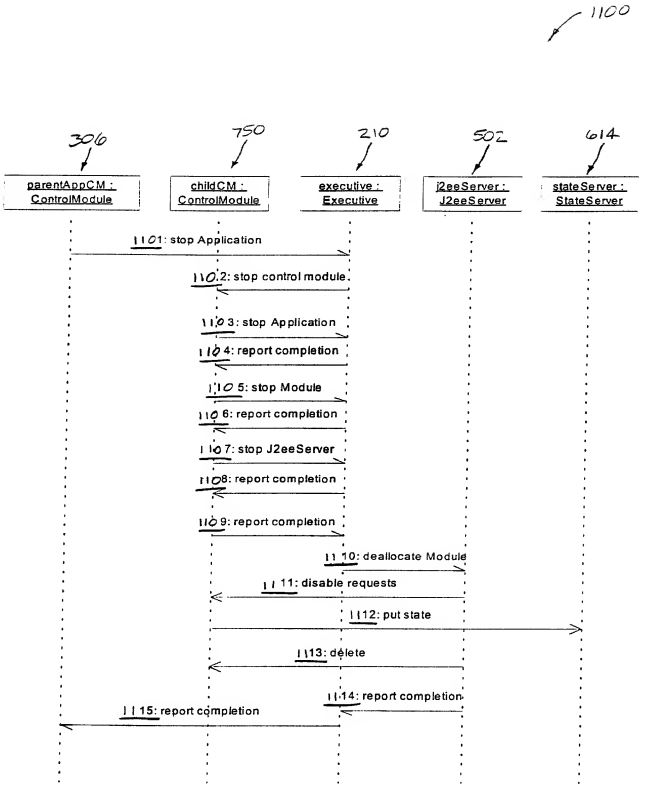
1100
306
750
210
502
614
parentAppCM : ControlModule
childCM : ControlModule
executive : Executive
j2eeServer : J2eeServer
stateServer : StateServer
1101: stop Application
1102: stop control module
1103: stop Application
1104: report completion
1105: stop Module
1106: report completion
1107: stop J2eeServer
1108: report completion
1109: report completion
1110: deallocate Module
1111: disable requests
1112: put state
1113: delete
1114: report completion
1115: report completion

Fig. 11

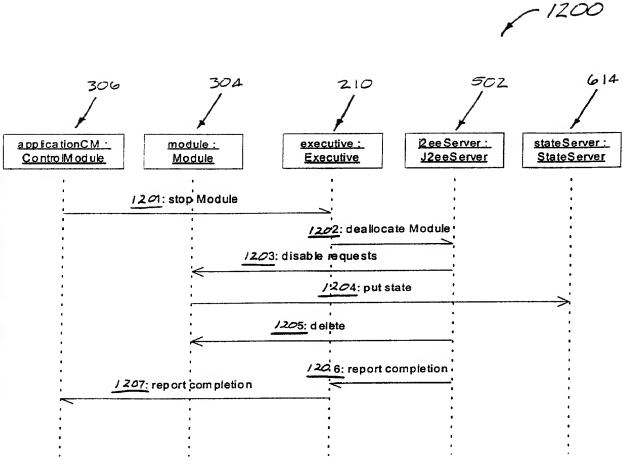
1200
306
304
210
502
614
applicationCM : ControlModule
module : Module
executive : Executive
j2eeServer : J2eeServer
stateServer : StateServer
1201: stop Module
1202: deallocate Module
1203: disable requests
1204: put state
1205: delete
1206: report completion
1207: report completion

Fig. 12

PUBLISHED

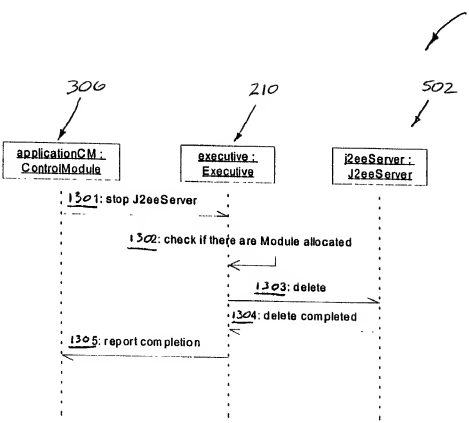

Fig. 13

Attorney Docket No. 50277-2004

1400

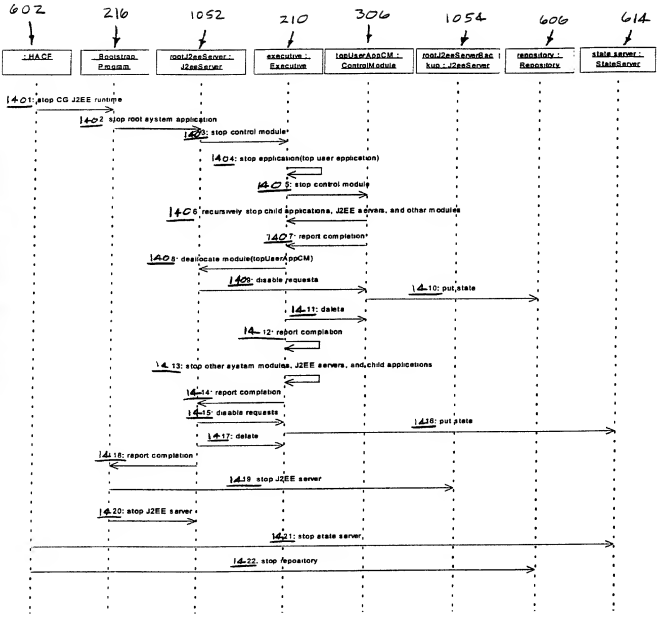

Fig. 14

EXPRESS MAIL

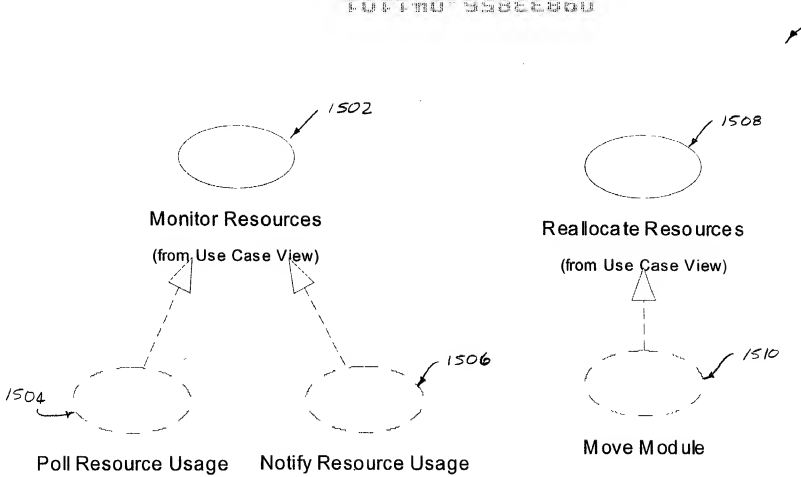

FIG 15

PUBLISHED SEARCH REPORT

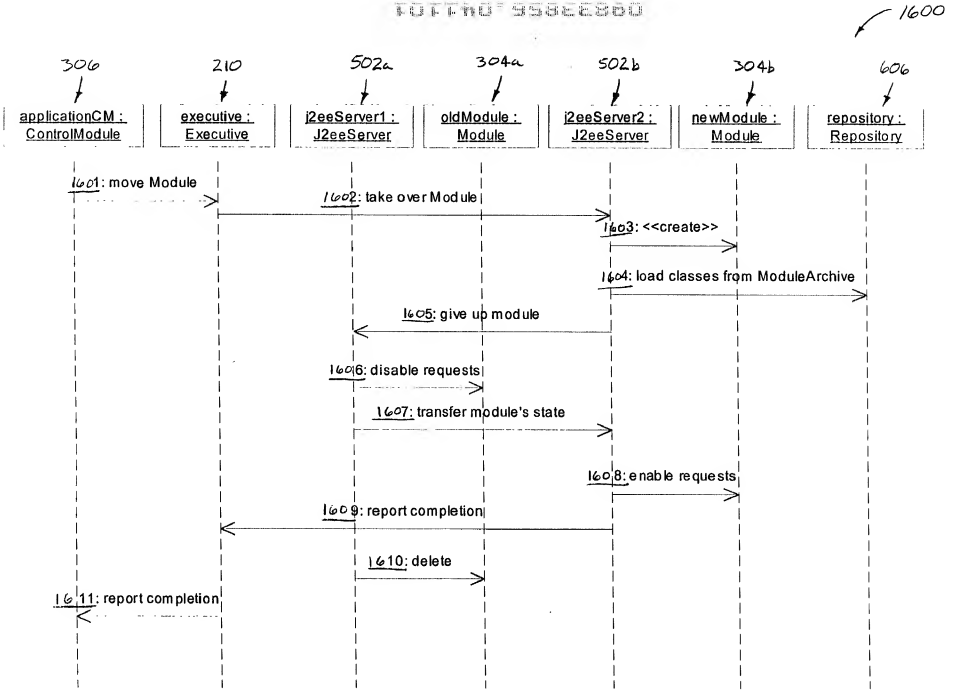

Fig. 16

DOCKET ALARM

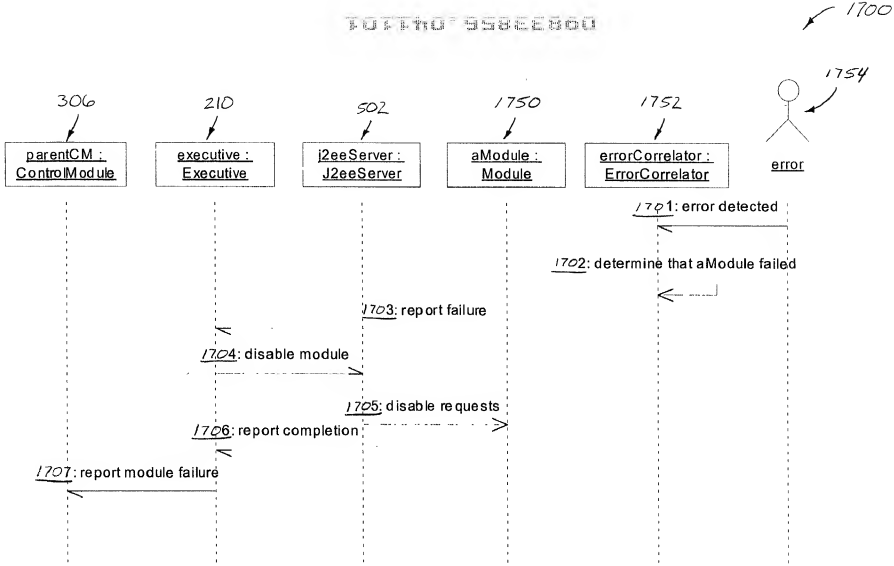

Fig 17

FUJITSU-9588800

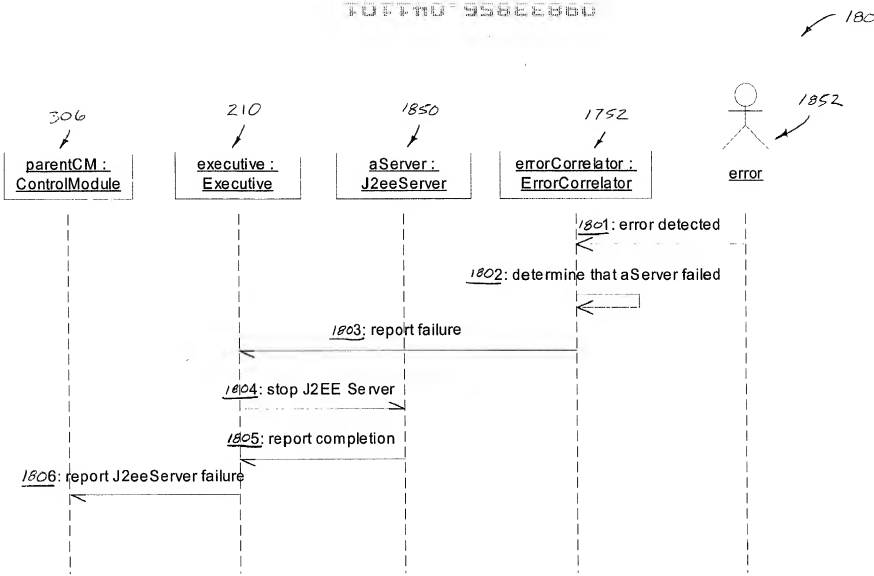

Fig. 18

EXPRESS MAIL

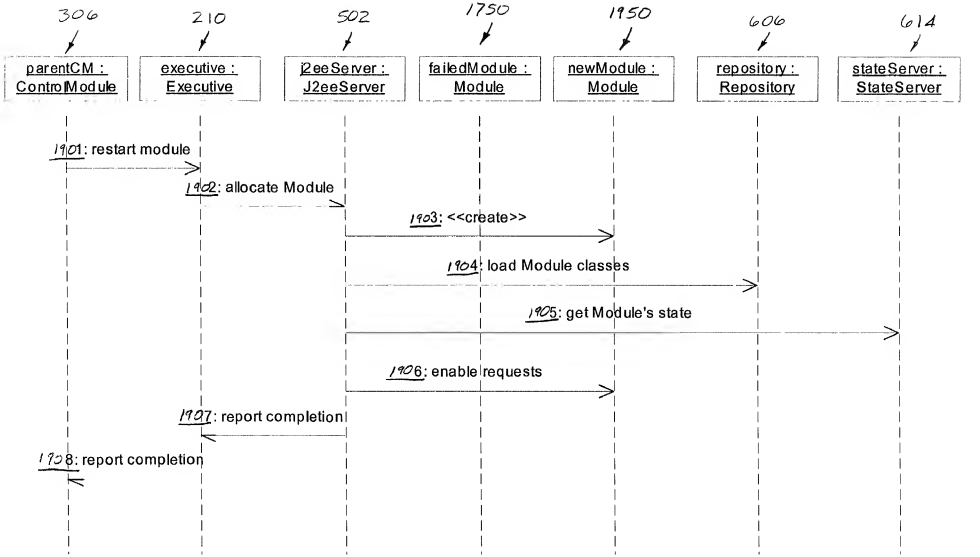

Fig 19

PATENT 9568.0050

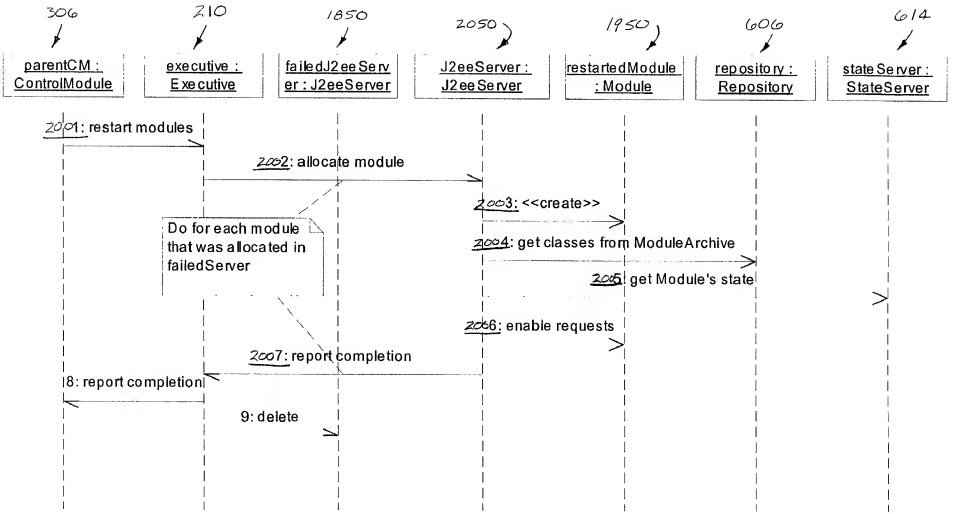

Fig. 20